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TERMINAL (ENTER 1, 2, 3, OR ?):2

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PASSWORD:
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Kamal Saeed

NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,

CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),

AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002

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NEWS INTER General Internet Information

NEWS LOGIN Welcome Banner and News Items

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NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 12:01:20 ON 29 JAN 2003

=> FILE REG

COST IN U.S. DOLLARS

SINCE FILE TOTAL

ENTRY SESSION

0.42 0.42

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 12:02:12 ON 29 JAN 2003 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2003 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 28 JAN 2003 HIGHEST RN 482573-45-5 DICTIONARY FILE UPDATES: 28 JAN 2003 HIGHEST RN 482573-45-5

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details: http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>
Uploading C:\Program Files\Stnexp\Queries\0950903211.str

L1 STRUCTURE UPLOADED

=> que L1

L2 QUE L1

=> D

L2 HAS NO ANSWERS

L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation. L2 QUE ABB=ON PLU=ON L1

=> S L1 FULL

FULL SEARCH INITIATED 12:03:00 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 17 TO ITERATE

100.0% PROCESSED 17 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> Uploading C:\Program Files\Stnexp\Queries\0950903211.str

L4 STRUCTURE UPLOADED

=> que L4

L5 OUE L4

=> D

L5 HAS NO ANSWERS

L4 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation. L5 QUE ABB=ON PLU=ON L4

=> S L4 FULL

FULL SEARCH INITIATED 12:04:36 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 271 TO ITERATE

100.0% PROCESSED 271 ITERATIONS SEARCH TIME: 00.00.01

O ANSWERS

L6 0 SEA SSS FUL L4

=>Testing the current file.... screen

Kamal Saeed

ENTER SCREEN EXPRESSION OR (END):end

Uploading C:\Program Files\Stnexp\Queries\0950903211.str

L7 STRUCTURE UPLOADED

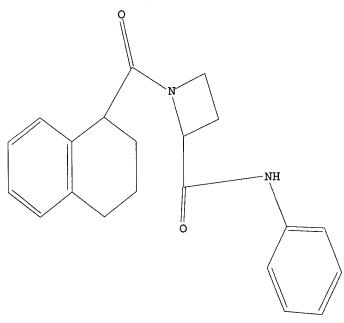
=> que L7

L8 QUE L7

=> D

L8 HAS NO ANSWERS

L7 STR



Structure attributes must be viewed using STN Express query preparation. L8 QUE ABB=ON PLU=ON L7

=> S L7 FULL

FULL SEARCH INITIATED 12:05:59 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 248 TO ITERATE

100.0% PROCESSED 248 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L9 0 SEA SSS FUL L7

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\Program Files\Stnexp\Queries\0950903211.str

STRUCTURE UPLOADED L10

=> que L10

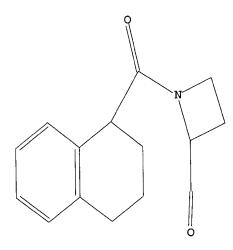
L11 QUE L10

=> D

L11 HAS NO ANSWERS

L10

STR



Structure attributes must be viewed using STN Express query preparation. QUE ABB=ON PLU=ON L10 L11

=> S L10 FULL

FULL SEARCH INITIATED 12:07:39 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 3360 TO ITERATE

100.0% PROCESSED 3360 ITERATIONS

SEARCH TIME: 00.00.01

67 SEA SSS FUL L10

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

Uploading C:\Program Files\Stnexp\Queries\0950903211.str

STRUCTURE UPLOADED L13

=> que L13

L14 QUE L13

=> D

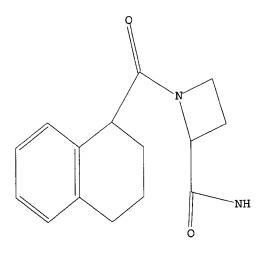
L14 HAS NO ANSWERS

Kamal Saeed

67 ANSWERS

L13

STR



Structure attributes must be viewed using STN Express query preparation. L14 QUE ABB=ON PLU=ON L13

=> S L13 FULL FULL SEARCH INITIATED 12:09:16 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 1105 TO ITERATE

100.0% PROCESSED 1105 ITERATIONS

62 ANSWERS

SEARCH TIME: 00.00.01

L15

62 SEA SSS FUL L13

=> FILE CAPLUS
COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 743.55 743.97

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 12:09:28 ON 29 JAN 2003 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> S L15 L16 2 L15

=> D IBIB ABS HITSTR TOT

L16 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2000:421097 CAPLUS
TITLE: 2000:421097 CAPLUS
TITLE: 2000:421097 CAPLUS
TITLE: 2000:421097 CAPLUS
TITLE: 2000:421097 CAPLUS
INVENTOR(S): Inghardt, Tord, Karleson, Olle; Linschoten, Marcel; Nystrom, Jan-erik
Astrazeneca AB, Swed. PCT Int. Appl., 102 pp.
CODER: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PAMELY INFORMATION:

OTHER SOURCE(S):

R1XCON CONR2 (CH2) nB I

Title compds. I [R1 = H, (un)substituted alkyl; X = (un)substituted bicyclic or tricyclic ring system; Y = (un)substituted CH2, CH2CH2,

CH:CH, (CH2)3, CH2CH:CH, CH:CHCH2; R2 = H, alkyl; n = 0-4; B = amidino-substituted 6-membered ring) were prepd. as competitive inhibitors

L16 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)

276697-55-3 CAPLUS Carbamic acid, [imino[4-[[[[(2S)-1-[[(1S)-1,2,3,4-tetrahydro-1-hydroxy-7-

Absolute stereochemistry.

276697-56-4 CAPLUS Carbamic acid, [imino[4-[[[[(2S)-1-[[(1R)-1,2,3,4-tetrahydro-1-hydroxy-7-

methoxy-1-naphthalenyl]carbonyl]-2-azetidinyl]carbonyl]amino]methyl]phenyl
] methyl]-, cyclopentyl eater (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L16 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued) of trypsin-like proteases, such as thrombin, and as anticoagulants.

of trypsin-like proteases, such as thrombin, and as anticoagulants.

Thus,

-hydroxy-6-chloro-8-(trifluoromethoxy)chroman-4-yl-CO-Aze-Pab (Aze = azetidine-2-carboxylate, Pab = p-amidinobenzylamino), prepd. by coupling of substituted chromancarboxymic acid with protected amidinobenzylazetidinecarboxamide, had an IC50 of < 0.1 .mu.M in the thrombin clotting time test.

IT 276697-53-1P 276697-55-2P 276697-55-3P 276697-56-6P 276697-56-0P RL: BAC (Biological activity or effector, except adverse); BSU (Biological activity or effector, except adverse); BSU (Biological study); PREP (Preparation); USES (Uses) (prepn. of new amidino derivs. and their use as thrombin inhibitors)

RN 276697-53-1 CAPLUS

CN Carbamic acid, (imino[4-[[[(2S)-1-[(1S)-1,2,3,4-tetrahydro-1-hydroxy-7-

methoxy-1-naphthaleny1]carbony1]-2-azetidiny1]carbony1]amino]methy1]pheny1
]methy1]-, cyclopropylmethy1 ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

276697-54-2 CAPLUS Carbamic acid, [imino[4-[[[[(2S)-1-[[(1R]-1,2,3,4-tetrahydro-1-hydroxy-7-

noxy-1-naphthalenyl]carbonyl]-2-azetidinyl]carbonyl]amino]methyl]phenyl]methyl]-, cyclopropylmethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L16 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)

276697-57-5 CAPLUS Carbamic acid, [imino[4-[[[[(2S)-1-[[(1S)-1,2,3,4-tetrahydro-1-hydroxy-7-

methoxy-1-naphthalenyl]carbonyl]-2-azetidinyl]carbonyl]amino]methyl]phenyl
]methyl]-, cyclobutyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

276697-58-6 CAPLUS Carbamic acid, [imino[4-[[{[{2S}]-1-[{(1R)-1,2,3,4-tetrahydro-1-hydroxy-7-

methoxy-1-naphthalenyl]carbonyl]-2-azetidinyl]carbonyl]amino]methyl]phenyl
] methyl]-, cyclobutyl ester (9CI) (CA INDEX NAME)

L16 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)

RN 276697-60-0 CAPLUS
CN 2-Azetidinecarboxamide,
N-[{a-imino[{(4-methoxyphenyl)methoxylamino]methy}
l]phenyl]methyl]-1-[{(1R)-1,2,3,4-tetrahydro-1-hydroxy-7-methoxy-1-naphthalenyl]carbonyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

218596-92-0P 218596-93-1P 218598-24-4P 276697-70-2P 276697-72-4P 276697-72-6P 276697-72-4P 276697-73-7P RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (prepn. of new amidino derivs. and their use as thrombin inhibitors) 218596-92-0 CAPLUS 11

L16 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)

PAGE 1-A

PAGE 1-B

276697-70-2 CAPLUS
2-Azetidinecarboxamide, N-[[4-(aminoiminomethyl)phenyl]methyl]-1-[[[1S]-1,2,3,4-tetrahydro-1-hydroxy-7-methoxy-1-naphthalenyl]carbonyl]-, (2S)-, monoacetate (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 276697-69-9 CMF C24 H28 N4 O4

Absolute stereochemistry.

L16 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)
CN Carbamic acid, [imino[4-[[[[(2S)-1-[[(1R)-1,2,3,4-tetrahydro-1-hydroxy-7-

Absolute stereochemistry.

218596-93-1 CAPLUS Carbamic acid, [imino[4-[[[[(2S)-1-[[(1S)-1,2,3,4-tetrahydro-1-hydroxy-7-

methoxy-1-naphthalenyl}carbonyl]-2-azetidinyl]carbonyl]amino]methyl]phenyl
]methyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

218598-24-4 CAPLUS Carbamic acid, [imino{4-[[[[(2S)-1-[[(1R)-1,2,3,4-tetrahydro-1-hydroxy-7-

methoxy-1-naphthalenyl]carbonyl]-2-azetidinyl]carbonyl]amino]methyl]phenyl
]methyl]-, 2-(trimethylsilyl)ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L16 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)

276697-72-4 CAPLUS 2-Azetidinecarboxamide, N-[{4-(aminoiminomethyl)phenyl]methyl]-1-[{{1R}-1,2,3,4-teraphyto-1-hydroxy-7-methoxy-1-naphthalenyl]carbonyl}-, (2S)-, monoacetate (salt) (9CI) (CA INDEX NAME)

CRN 276697-71-3 CMF C24 H28 N4 O4

Absolute stereochemistry

CM 2

CRN 64-19-7 CMF C2 H4 O2

о |-но- с- сн₃

276697-75-7 CAPLUS
Carbamic acid, [[[[4-methoxypheny1]methoxy]amino][4-[[[[2S]-1-[[[1S]-1,2,3,4-terahydro-1-nydroxy-7-methoxy-1-naphthaleny1]carbony1]-2-azetidiny1]carbony1]amino]methy1]pheny1]methylene1-, 2[trimethy1sity1]ethy1 ester [9CI] (CA INDEX NAME)

L16 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS

PAGE 1-A

PAGE 1-B

--- OMe

218598-49-3P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of new amidino derivs. and their use as thrombin inhibitors)
218598-49-3 CAPLUS Carbamic acid, [imino[4-[[[((2S)-1-[[(1S)-1,2,3,4-tetrahydro-1-hydroxy-7methoxy-1-naphthalenyl]carbonyl]-2-azetidinyl]carbonyl]amino]methyl]phenyl
]methyl]-, 2-(trimethylsilyl)ethyl eater (9CI) (CA INDEX NAME)

L16 ANSWER 2 OF 2
ACCESSION NUMBER:
1999:9815 CAPLUS
DOCUMENT NUMBER:
130:81396
New amidino derivatives and their use as thrombin
inhibitors
INVENTOR(S):
RATENT ASSIGNEE(S):
SOURCE:
DOCUMENT TYPE:
LANGUAGE:
FAMILY ACC. NUM. COUNT:
1999:9815 CAPLUS
1399:9815 CAPLUS
1396:9815 CAPLUS
1399:9815 CAPLUS
1399:9815 CAPLUS
1399:9815 CAPLUS
1399:9815 CAPLUS
1399:9815 CAPLUS
1390:9815 CAPLUS
1399:9815 CAP

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

KIND DATE PATENT NO. APPLICATION NO. DATE \$857932 A1 19981223 W0 1998-SB1103 19980609

W: AL, AM, AT, AU, AZ, BA, BB, BG, BF, EY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, EY, KG, KZ, MD, RU, JJ, TM

RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

\$877861 A1 19990104 A1 1998-79461 19980609

7877645 B2 20010823 EPP 1998-929969 19980609

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, WO 9857932 W: AL, AU 9879461 AU 737645 EP 1012140 A1 20000628 EP 1998-929969 19980609
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO
BR 9810177 A 20000808 BR 1998-10177 19980609
JP 2002503256 T2 20020129 JP 1999-504262 1988067 LV, FI, RO
2000808 BR 1998-10177
12 20020129 JP 1999-504262
13 2000724 US 1998-91994
14 20000221 US 1998-91994
15 20020221 US 2001-844428
16 25 1998-1099 A
17 2000021 US 1998-9199 A
18 2000021 US 2001-84428
18 1998-1099 A
18 2000021 US 1998-91994 A1
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18 2000021 US 1998-91994 A1
18 2000021 US 1998-91994 A1 ZA 9805036 US 6265397 A Bl NO 9906313 A Al 20010430 19970619 19980330 US 2002022612 A 19970619 A 19980330 W 19980609 A1 19980626 PRIORITY APPLN. INFO.: OTHER SOURCE(S):

R1XCON CONR2(CH2)nB I

L16 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)

Absolute stereochemistry.

PAGE 1-A

THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE REFERENCE COUNT:

FORMAT

L16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)

AB Title compds. I [R1 = (un)substituted alkyl; X = (un)substituted bicyclic or tricyclic ring system; Y = (un)substituted CH2, CH2CH2, CH:CH. (CH2)3, CH2CH:CH. CH:CHCH2; R2 = H, alkyl; n = 0 - 4; B = amidino-substituted 6-membered ring) which are useful as competitive inhibitors of trypsin-like proteases, such as thrombin and are useful as anticoagulants, were prepd. Thus, the amidine II was obtained from the tetralincarboxylic acid and the protected amidinobenzylprolinamide fragments. II had an IC50

IC50

IT

of < 03..mu.M in the thrombin clotting time test.

IT 218596-94-2P 218596-95-3P 218597-59-2P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological)

(Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Usea) (prepn. of antithrombic acyl (amidinobenzylaminocarbonyl)pyrrolidines and -azetidines)
RN 21859-694-2 CAPLUS
CN 2-Azetidinecarboxamide,
N-[[4-(aminoiminomethyl)phenyl]methyl]-1-[(1,2,3,4-tetrahydro-1-hydroxy-7-methoxy-1-naphthalenyl)carbonyl]-, (2S)- (9CI)

INDEX NAME)

Absolute stereochemistry.

RN 218596-95-3 CAPLUS
CN 2-Azetidinecarboxamide,
N-[4-(aminoininomethyl)phenyl]methyl]-1-[(1,2,3,4tetrahydro-1-hydroxy-7-methoxy-1-naphthalenyl)carbonyl]-, (2S)-,
monoacetate (salt) (9Cl) (CA INDEX NAME)

CRN 218596-94-2 CMF C24 H28 N4 O4

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L16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)
                                                                                                                                                                    L16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)
         CM 2
                                                                                                                                                                             CM 2
          CRN 64-19-7
CMF C2 H4 O2
                                                                                                                                                                             CRN 64-19-7
CMF C2 H4 O2
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но— с— сн<sub>3</sub>
                                                                                                                                                                    о
||
но- с- сн<sub>3</sub>
RN 218597-59-2 CAPLUS
CN 2-Azetidinecarboxamide,
N-[[4-(aminoiminomethyl]phenyl]methyl]-1-[[1,2,3,4-
tetrahydro-7-methoxy-1-(2-propenyl)-1-naphthalenyl]carbonyl]-, (2S)-,
monoacetate (9C) (CA INDEX NAME)
                                                                                                                                                                           218597-07-0P 218597-12-7P 218597-17-2P 218597-20-7P 218597-20-7P 218597-24-1P 218597-27-4P 218597-28-5P 218597-39-8P 218597-40-1P 218597-46-7P 218597-47-8P 218597-49-4P 218597-72-9P 218598-20-0P 218598-21-1P 218598-22-2P 218598-26-6P 218598-28-8P 218598-29-2P 218598-35-7P 218598-37-9P RL: BAC (Biological activity or effector, except adverse); BSU ological
                                                                                                                                                                    IT
         CM 1
         CRN 218597-58-1
CMF C27 H32 N4 O3
                                                                                                                                                                     (Biological
                                                                                                                                                                   Absolute stereochemistry.
                                                                                                                                                                             CM 1
                                                                                                                                                                             CRN 218597-06-9
CMF C24 H28 N4 O4
                                                                                                                                                                    Absolute stereochemistry.
L16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS
                                                                                                                                                                    L16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)
                                                                                         (Continued)
                                                                                                                                                                             CM 2
                                                                                                                                                                             CRN 64-19-7
CMF C2 H4 O2
                                                                                                                                                                   о
||
но-с-сн<sub>3</sub>
                                                                                                                                                                    RN 218597-17-2 CAPLUS
CN 2-Azetidinecarboxamide,
N-[[4-(aminoiminomethyl]phenyl]methyl]-1-[(7-amino-
1,2,3,4-tetrahydro-1-hydroxy-1-naphthalenyl)carbonyl]-, (25)-,
                                                                                                                                                                    monoacetate
(salt) (9CI) (CA INDEX NAME)
         CM 2
                                                                                                                                                                             CM 1
                                                                                                                                                                             CRN 218597-16-1
CMF C23 H27 N5 O3
                                                                                                                                                                    Absolute stereochemistry.
     о
||
|- с— сн<sub>3</sub>
RN 218597-12-7 CAPLUS
CN 2-Azetidinecarboxamide,
N-[(4-(aminoiminomethyl)phenyl]methyl]-1-[(1,2,3,4-
tetrahydro-1-hydroxy-5,7-dimethyl-1-naphthalenyl)carbonyl]-, (2S)-,
monoacetate (salt) (9CI) (CA INDEX NAME)
         CRN 218597-11-6
CMF C25 H30 N4 O3
                                                                                                                                                                             CRN 64-19-7
CMF C2 H4 O2
                                                                                                                                                                   но- с- сн<sub>3</sub>
                                                                                                                                                                   RN 218597-20-7 CAPLUS
CN 2-Azetidinecarboxamide,
N-[{a-{aminoiminomethyl]phenyl]methyl]-1-[{1,2,3,4-tetrahydro-1-hydroxy-1-naphthalenyl}carbonyl}-, {2S}-, monoacetate (malt)
(SCI) (CA INDEX NAME)
```

L16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued) CM 1

Absolute stereochemistry.

RN 218597-24-1 CAPLUS
CN 2-Azetidinecarboxamide,
N-[4-(aminoiminomethyl]phenyl]methyl]-1-[(1,2,3,4-tetrahydro-7-methoxy-1-naphthalenyl)carbonyl]-, (25)-, monoacetate (9CI)
(CA INDEX NAME)

CRN 218597-23-0 CMF C24 H28 N4 O3

Absolute stereochemistry.

L16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued) Absolute stereochemistry.

RN 218597-39-8 CAPLUS
CN 2-Azetidinecarboxamide,
N-[[4-([hydroxymaino)]mminomethyl]phenyl]methyl]-1[[1,2,3,4-tetrahydro-1-hydroxy-5-methoxy-1-naphthalenyl)carbonyl]-, (2S)[9CI) (CA INDEX NAME)

RN 218597-40-1 CAPLUS
CN 2-Azetidinecarboxamide,
N-[[4-[(nydroxyamino]iminomethyl]phenyl]methyl]-1[(1,2,3,4-tetrahydrox)-1-hydroxy-7-methoxy-1-naphthalenyl)carbonyl]-, (25)(SCI) (CA INDEX NAME)

Absolute stereochemistry.

L16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)

CRN 64-19-7 CMF C2 H4 O2

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218597-27-4 CAPLUS 2-Azetidinecarboxamide, N-[[4-(aminoiminomethyl)phenyl]methyl]-1-[{[1R]-1,2,3,4-tetrahydro-7-methoxy-1-methyl-1-naphthalenyl]carbonyl]-, (2S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

218597-28-5 CAPLUS 2-Azetidinecarboxamide, N-[{4-(aminoiminomethyl)phenyl]methyl}-1-{[(15):1,2,3,4-tetrahydro-7-methoxy-1-methyl-1-naphthalenyl]carbonyl]-, (2S)-(9CI) (CA INDEX NAME)

L16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)

218597-46-7 CAPLUS Carbamic acid, [imino[4-[[[[(2S)-1-[(1,2,3,4-tetrahydro-1-hydroxy-7-

methoxy-1-naphthalenyl)carbonyl]-2-azetidinyl]carbonyl]amino]methyl]phenyl |methyl]-, 2,2,2-trichloroethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

218597-47-8 CAPLUS Carbamic acid, [imino[4-{[[[(25)-1-[(1,2,3,4-tetrahydro-1-hydroxy-7-

methoxy-1-naphthalenyl)carbonyl]-2-azetidinyl]carbonyl]amino]methyl]phenyl
]methyl]-, ethyl ester (9CI) (CA INDEX NAME)

(Continued) L16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS

218597-69-4 CAPLUS
2-Azetidinecarboxamide, N-[[4-(aminoiminomethyl)phenyl]methyl]-1-[(7-chloro-1,2,3,4-tetrahydro-1-hydroxy-1-naphthalenyl)carbonyl]-, (25)-, monoacetate (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 218597-68-3 CMF C23 H25 C1 N4 O3

Absolute stereochemistry.

CM 2 CRN 64-19-7 CMF C2 H4 O2

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L16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS

RN 218598-21-1 CAPLUS
CN 2-Azetidinecarboxamide,
N-[[4-[imino[(1-oxopropoxy)amino]methyl]phenyl]met

hyl]-1-[{1,2,3,4-tetrahydro-1-hydroxy-7-methoxy-1-naphthalenyl}carbonyl}-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 218598-22-2 CAPLUS
CN 2-Azetidinecarboxamide,
N-[[4-[[[(cyclohexylcarbony1)oxy]amino]iminomethy1
]phenyl]methyl]-1-[(1,2,3,4-tetrahydro-1-hydroxy-7-methoxy-1-naphthaleny1)carbony1]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)
RN 218597-72-9 CAPLUS
CN 2-Azetidinecarboxamide.
N-[4-(aminoiminomethyl)phenyl]methyl]-1-[(1,2,3,4-tetrahydro-7-methoxy-1-propyl-1-naphthalenyl)carbonyl]-, (2S)-, monoacetate (9CI) (CA INDEX NAME) CM 1 CRN 218597-71-8 CMF C27 H34 N4 O3 Absolute stereochemistry.

CM 2

218598-20-0 CAPLUS
2-Azetidinecarboxamide, N-[[4-[imino[{2-methyl-1-

oxopropoxy)amino]methyl]phenyl]methyl]-1-[(1,2,3,4-tetrahydro-1-hydroxy-7-methoxy-1-naphthalenyl)carbonyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)

RN 218598-26-6 CAPLUS
CN 2-Azetidinecarboxamide,
N-[[4-[imino[(2-propenyloxy)amino]methyl]phenyl]me

thyl]-1-[(1,2,3,4-tetrahydro-1-hydroxy-7-methoxy-1-naphthalenyl)carbonyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 218598-28-8 CAPLUS
CN 2-Azetidinecarboxamide,
N-[[4-[imino[(phenylmethoxy)amino]methyl]phenyl]me

thyl]-1-[(1,2,3,4-tetrahydro-1-hydroxy-7-methoxy-1-naphthalenyl)carbonyl]-, (25)- (9CI) (QA INDEX NAME)

L16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)

218598-30-2 CAPLUS Carbamic acid, [imino[4-[[[[(2S)-1-[(1,2,3,4-tetrahydro-1-hydroxy-7-

methoxy-1-naphthaleny1)carbony1]-2-azetidiny1]carbony1]amino]methy1]pheny1
]methy1]-, 2-methy1-2-propenyl ester (9CI) (CA INDEX NAME)

218598-35-7 CAPLUS
2-Azetidinecarboxamide, 1-[(7-amino-1,2,3,4-tetrahydro-1-hydroxy-1-naphthalenyl)-arboxyl-N-[(4-(hydroxyamino)iminomethyl)phenyl]methyl]-, (28) - (9C1) (CA INDEX NAME)

Absolute stereochemistry.

L16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)

hoxy-1-naphthalenyl]carbonyl]-2-azetidinyl]carbonyl]amino]methyl]phenyl | methyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 218597-00-3 CAPLUS
CN 2-Azetidinecarboxamide,
N-[(4-[mino(methoxyamino)methyl]phenyl]methyl]-1[((1R)-1,2,3,4-tetrahydro-1-hydroxy-7-methoxy-1-naphthalenyl]carbonyl]-,
(2S)-(9CI) (CA INDEX RAME)

Absolute stereochemistry.

L16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)

 $218598-37-9 \quad CAPLUS \\ 2-Azetidinecarboxamide, N-[\{4-\{[\{(2S)-2-amino-3-methyl-1-cxobutoxy]amino]amino]aminomethyl]phenyl]methyl]-1-\{\{1,2,3,4-tetrahydro-1-hydroxy-7-methoxy-1-naphthalenyl]carbonyl]-, \{2S\}- \{9CI\}- (CA-INDEX-NAME)aminomethyl]- (CA-INDEX-NAME)aminomethyl- (CA-INDEX-$

Absolute stereochemistry.

218596-92-0P 218596-93-1P 218597-00-3P 218597-02-5P 218597-02-5P 218597-10-5P 218597-10-18-3P 218597-16-3P 218597-16-3P 218597-16-3P 218597-36-3P 218597-36-5P 218598-24-4P 218598-25-5P 218598-27-7P 218598-33-5P 218598-34-6P 218598-36-8P 218598-49-3P RL: RCT (Reactant): SPN (Synthetic preparation); PREP (Preparation): RACT (Reactant or reagent) [PREP of antithrombic acyl (amidinobenzylaminocarbonyl) pyrrolidines and -azetidines)

Carbamic acid, [imino[4-{[[[(2S)-1-[[(1R)-1,2,3,4-tetrahydro-1-hydroxy-7-

methoxy-1-naphthalenyl]carbonyl]-2-azetidinyl]carbonyl]amino]methyl]phenyl |methyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

(Continued) L16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS

RN 218597-02-5 CAPLUS
CN 2-Azetidinecarboxamide,
N-[4-[mino(methoxyamino)methyl]phenyl]methyl]-1[[(15)-1,2,3,4-tetrahydro-1-hydroxy-7-methoxy-1-naphthalenyl]carbonyl]-,
(25)- (9C1) (CA INDEX NAME)

Absolute stereochemistry.

218597-05-8 CAPLUS Carbamic acid, [imino[4-[[[[(2S)-1-[(1,2,3,4-tetrahydro-1-hydroxy-5-

methoxy-1-naphthaleny1)carbony1]-2-azetidiny1]carbony1]amino]methy1)pheny1
]methy1}-, phenylmethy1 ester (9CI) (CA INDEX NAME)

L16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)

RN 218597-10-5 CAPLUS
CN 2-Azetidinecarboxamide,
N-[4-[mino(methoxyamino)methyl]phenyl]methyl]-1[(1,2,3,4-tetrahydro-1-hydroxy-5,7-dimethyl-1-naphthalenyl)carbonyl]-,
(28)- (9C1) (CA INDEX NAME)

Absolute stereochemistry.

RN 218597-15-0 CAPLUS
CN Carbamic acid,
[imino(4-[[[[(2S)-1-[(1,2,3,4-tetrahydro-1-hydroxy-7-nitro-

1-naphthalenyl)carbonyl]-2-azetidinyl]carbonyl]amino|methyl]phenyl]methyl}, phenylmethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

(Continued) L16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS

218597-56-9 CAPLUS Carbamic acid, [imino[4-[[[(2S)-1-[[1,2,3,4-tetrahydro-7-methoxy-1-(2-

propenyl) -1-naphthalenyl]carbonyl] -2-azetidinyl]carbonyl]amino]methyl]phen
yl]methyl] -, 2-(trimethylsilyl)ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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L16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)

218597-18-3 CAPLUS Carbamic acid, $[\min[4-{[[[(2S)-1-{(1,2,3,4-tetrahydro-1-hydroxy-1-mu]})}]}$

naphthalenyl)carbonyl]-2-azetidinyl]carbonyl]amino]methyl]phenyl]methyl]-,
phenylmethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 218597-26-3 CAPLUS CN Carbamic acid, [imino[4-[[[(28]-1-[[(1,2,3,4-tetrahydro-7-methoxy-1-methyl-

1-naphthalenyl)carbonyl]-2-azetidinyl]carbonyl]amino]methyl]phenyl]methyl] , phenylmethyl eater (9CI) (CA INDEX NAME)

Absolute stereochemistry.

ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)
218597-65-0 CAPLUS
Carbamic acid, [[4-[[[[(2S)-1-[(7-chloro-1,2,3,4-tetrahydro-1-hydroxy-1-

naphthalenyl)carbonyl]-2-azetidinyl]carbonyl]amino|methyl]phenyl]iminometh yl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

218598-24-4 CAPLUS Carbamic acid, [imino[4-{{[[{(2S)-1-{[[(1R)-1,2,3,4-tetrahydro-1-hydroxy-7-

methoxy-1-naphthalenyl]carbonyl]-2-azetidinyl]carbonyl]amino]methyl]phenyl
]methyl]-, 2-(trimethylsilyl)ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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--- OMe

L16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)

RN 218598-25-5 CAPLUS CN Carbamic acid, [[(2-propenyloxy)amino][4-[[[[(2S)-1-[(1,2,3,4-tetrahydro-1-

hydroxy-7-methoxy-1-naphthalenyl)carbonyl]-2-azetidinyl]carbonyl]amino]met hyllphenyl]methylene]-, 2-(trimethylsilyl)ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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RN 218598-27-7 CAPLUS
CN Carbamic acid,
[[(phenylmethoxy)amino][4-[[[[(2S)-1-[(1,2,3,4-tetrahydro-1-

hydroxy-7-methoxy-1-naphthalenyl)carbonyl]-2-azetidinyl]carbonyl]amino]met hyllphenyl]methylene]-, 2-(trimethylsilyl)ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)

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218598-34-6 CAPLUS Carbamic acid, [[4-[[[[(2S)-1-[(7-amino-1,2,3,4-tetrahydro-1-hydroxy-1-

naphthalenyl)carbonyl]-2-azetidinyl]carbonyl]amino|methyl]phenyl]iminometh yl]-, 2-(trimethylsilyl)ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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L16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)

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RN 218598-33-5 CAPLUS
CN Carbamic acid,
[imino[4-[{{[(25)-1-[(1,2,3,4-tetrahydro-1-hydroxy-7-nitro-

1-naphthalenyl)carbonyl]-2-azetidinyl]carbonyl]amino|methyl|phenyl]methyl], 2-(trimethylsilyl)ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)

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218598-36-8 CAPLUS Carbamic acid, [(1S)-1-[[[{imino[4-[[[(2S)-1-[(1,2,3,4-tetrahydro-1-

hydroxy-7-methoxy-1-naphthalenyl]carbonyl]-2-azetidinyl]carbonyl]amino]met hyl]phenyl]methyl]amino]oxy]carbonyl]-2-methylpropyl]-, 1,1-dimethylethyl ester (9C1) (CA INDEX NAME)

Absolute stereochemistry.

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-- OMe

L16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)

RN 218598-49-3 CAPLUS CN Carbamic acid, [imino[4-[[[{(25)-1-[{(15)-1,2,3,4-tetrahydro-1-hydroxy-7-

methoxy-1-naphthalenyl]carbonyl]-2-azetidinyl]carbonyl]amino]methyl]phenyl
]methyl]-, 2-(trimethylsilyl)ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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